Amos Darko

List of Publications by Year
in descending order

74 papers	4,483 citations	147566 31 h-index	110170 64 g-index
74 all docs	74 docs citations	74 times ranked	2317 citing authors

#	Article	IF	Citations
1	Factors affecting international construction joint ventures: a systematic literature review. International Journal of Construction Management, 2023, 23, 98-113.	2.2	17
2	Drivers for green cities development in developing countries: Ghanaian perspective. International Journal of Construction Management, 2023, 23, 1086-1096.	2.2	5
3	Facilitating a transition to a circular economy in construction projects: intermediate theoretical models based on the theory of planned behaviour. Building Research and Information, 2023, 51, 85-104.	2.0	10
4	A bibliometric-qualitative literature review of green finance gap and future research directions. Climate and Development, 2023, 15, 432-455.	2.2	23
5	Underlying indicators for measuring smartness of buildings in the construction industry. Smart and Sustainable Built Environment, 2022, 11, 126-142.	2.2	17
6	An empirical analysis of barriers to building information modelling (BIM) implementation in construction projects: evidence from the Chinese context. International Journal of Construction Management, 2022, 22, 3119-3127.	2.2	13
7	Management control structures and performance implications in international construction joint ventures: critical survey and conceptual framework. Engineering, Construction and Architectural Management, 2022, 29, 755-781.	1.8	3
8	Key drivers for implementing international construction joint ventures (ICJVs): global insights for sustainable growth. Engineering, Construction and Architectural Management, 2022, 29, 3363-3393.	1.8	8
9	Best practices for implementing industrialized construction projects: lessons from nine case studies. Construction Innovation, 2022, 22, 915-938.	1.5	4
10	Interactive effects of institutional, economic, social and environmental barriers on sustainable housing in a developing country. Building and Environment, 2022, 207, 108487.	3.0	10
11	Green finance gap in green buildings: A scoping review and future research needs. Building and Environment, 2022, 207, 108443.	3.0	82
12	Critical success factors for green building promotion: A systematic review and meta-analysis. Building and Environment, 2022, 207, 108452.	3.0	46
13	Electronic Procurement Systems Adoption in Construction Procurement: A Global Survey on the Barriers and Strategies from the Developed and Developing Economies. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	6
14	Optimizing the application of strategies promoting electronic procurement systems towards sustainable construction in the building lifecycle: A neurofuzzy model approach. Journal of Cleaner Production, 2022, 336, 130343.	4.6	18
15	Integrated design process of green building projects: A review towards assessment metrics and conceptual framework. Journal of Building Engineering, 2022, 50, 104180.	1.6	17
16	Impacts of management control mechanisms on the performance of international construction joint ventures: an empirical study. Engineering, Construction and Architectural Management, 2022, ahead-of-print, .	1.8	1
17	Artificial intelligence in green building. Automation in Construction, 2022, 137, 104192.	4.8	71
18	Sustainable Logistics Planning in Modular Integrated Construction Using Multimethod Simulation and Taguchi Approach. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	19

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19	Review of global research advances towards net-zero emissions buildings. Energy and Buildings, 2022, 266, 112142.	3.1	42
20	Integrated applications of building information modeling and artificial intelligence techniques in the AEC/FM industry. Automation in Construction, 2022, 139, 104289.	4.8	29
21	Spatial-temporal investigation of green building promotion efficiency: The case of China. Journal of Cleaner Production, 2022, 362, 132299.	4.6	9
22	Engineering project networks: providing â€œsustainable work systemsâ€•for construction knowledge workers. Journal of Engineering, Design and Technology, 2021, 19, 21-40.	1.1	1
23	A scientometric analysis of the housing affordability literature. Journal of Housing and the Built Environment, 2021, 36, 1501-1533.	0.9	13
24	Corruption in Construction Projects: Bibliometric Analysis of Global Research. Sustainability, 2021, 13, 4400.	1.6	12
25	BIM-enabled multi-level assessment of age-friendliness of urban housing based on multiscale spatial framework: enlightenments of housing support for â€œaging-in-placeâ€• Sustainable Cities and Society, 2021, 72, 103039.	5.1	11
26	Evaluating the Corruption Susceptibility Index of Infrastructure Procurement and Management in the Developed Context: The Case of Hong Kong. Journal of Infrastructure Systems, 2021, 27, 05021006.	1.0	9
27	Predicting the elderly's quality of life based on dynamic neighborhood environment under diverse scenarios: An integrated approach of ANN, scenario analysis and Monte Carlo method. Habitat International, 2021, 113, 102373.	2.3	4
28	Critical Barriers to International Construction Joint Ventures Success: Multiexpert Views and Contextual Disparities. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	7
29	Evaluation Model for Influences of Driving Forces for Electronic Procurement Systems Application in Ghanaian Construction Projects. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	11
30	Heritage building maintenance management (HBMM): A bibliometric-qualitative analysis of literature. Journal of Building Engineering, 2021, 42, 102416.	1.6	25
31	Digitalization of construction supply chain and procurement in the built environment: Emerging technologies and opportunities for sustainable processes. Journal of Cleaner Production, 2021, 322, 129093.	4.6	58
32	Simulation-Optimization for the Planning of Off-Site Construction Projects: A Comparative Study of Recent Swarm Intelligence Metaheuristics. Sustainability, 2021, 13, 13551.	1.6	8
33	Distinguishing Characteristics of Corruption Risks in Iranian Construction Projects: A Weighted Correlation Network Analysis. Science and Engineering Ethics, 2020, 26, 205-231.	1.7	50
34	Critical barriers to sustainability attainment in affordable housing: International construction professionalsâ€™ perspective. Journal of Cleaner Production, 2020, 253, 119995.	4.6	62
35	Building information modeling (BIM)-based modular integrated construction risk management â€“ Critical survey and future needs. Computers in Industry, 2020, 123, 103327.	5.7	81
36	Service quality of insurance in complex project deals in the construction industry in Ghana. International Journal of Building Pathology and Adaptation, 2020, 39, 344-367.	0.7	3

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37	Influence of formal and informal stakeholder relationship on megaproject performance: a case of China. Engineering, Construction and Architectural Management, 2020, 27, 1505-1531.	1.8	24
38	Insurable and non-insurable risks in complex project deals: case of the Ghanaian construction industry. Journal of Engineering, Design and Technology, 2020, 18, 1971-1995.	1.1	2
39	Visualizing the Knowledge Domain of Project Governance: A Scientometric Review. Advances in Civil Engineering, 2020, 2020, 1-15.	0.4	11
40	Artificial intelligence in the AEC industry: Scientometric analysis and visualization of research activities. Automation in Construction, 2020, 112, 103081.	4.8	278
41	Adoption of Green Building Technologies in Ghana. Green Energy and Technology, 2020, , 217-235.	0.4	7
42	Factors affecting structural steelwork adoption from a project lifecycle perspective: The case of Hong Kong. Journal of Cleaner Production, 2019, 230, 634-646.	4.6	3
43	Critical factors in site planning and design of green buildings: A case of China. Journal of Cleaner Production, 2019, 222, 685-694.	4.6	29
44	Thematic Overview of Corruption in Infrastructure Procurement Process. Journal of Infrastructure Systems, 2019, 25, .	1.0	8
45	Review of global mental health research in the construction industry. Engineering, Construction and Architectural Management, 2019, 27, 385-410.	1.8	28
46	The state of corporate social responsibility practice in the construction sector. Smart and Sustainable Built Environment, 2019, 9, 91-111.	2.2	15
47	A scientometric analysis and visualization of global green building research. Building and Environment, 2019, 149, 501-511.	3.0	215
48	Review of application of analytic hierarchy process (AHP) in construction. International Journal of Construction Management, 2019, 19, 436-452.	2.2	249
49	What are the green technologies for sustainable housing development? An empirical study in Ghana. Business Strategy and Development, 2018, 1, 140-153.	2.2	15
50	Strategies to promote green building technologies adoption in developing countries: The case of Ghana. Building and Environment, 2018, 130, 74-84.	3.0	123
51	Sensitivity analysis of wind pressure coefficients on CAARC standard tall buildings in CFD simulations. Journal of Building Engineering, 2018, 16, 146-158.	1.6	82
52	Critical barriers to green building technologies adoption in developing countries: The case of Ghana. Journal of Cleaner Production, 2018, 172, 1067-1079.	4.6	309
53	Effect of Motivation and Owner Commitment on the Delivery Performance of Green Building Projects. Journal of Management in Engineering - ASCE, 2018, 34, .	2.6	36
54	Critical Risk Factors of Transnational Public–Private Partnership Projects: Literature Review. Journal of Infrastructure Systems, 2018, 24, .	1.0	48

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55	Green Building Occupant Satisfaction: Evidence from the Australian Higher Education Sector. Sustainability, 2018, 10, 2890.	1.6	29
56	Promoting and implementing urban sustainability in China: An integration of sustainable initiatives at different urban scales. Habitat International, 2018, 82, 83-93.	2.3	170
57	Investigating Private Sectors' Behavioral Intention to Participate in PPP Projects: An Empirical Examination Based on the Theory of Planned Behavior. Sustainability, 2018, 10, 2692.	1.6	13
58	A partial least squares structural equation modeling (PLS-SEM) of barriers to sustainable construction in Malaysia. Journal of Cleaner Production, 2018, 204, 564-572.	4.6	115
59	Review of Public–Private Partnership Literature from a Project Lifecycle Perspective. Journal of Infrastructure Systems, 2018, 24, .	1.0	48
60	Influences of barriers, drivers, and promotion strategies on green building technologies adoption in developing countries: The Ghanaian case. Journal of Cleaner Production, 2018, 200, 687-703.	4.6	145
61	How Does Transformational Leadership Promote Innovation in Construction? The Mediating Role of Innovation Climate and the Multilevel Moderation Role of Project Requirements. Sustainability, 2018, 10, 1506.	1.6	49
62	Construction Accidents in a Large-Scale Public Infrastructure Project: Severity and Prevention. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	2.0	27
63	Evaluation and Ranking of Risk Factors in Transnational Public–Private Partnerships Projects: Case Study Based on the Intuitionistic Fuzzy Analytic Hierarchy Process. Journal of Infrastructure Systems, 2018, 24, .	1.0	30
64	Drivers for implementing green building technologies: An international survey of experts. Journal of Cleaner Production, 2017, 145, 386-394.	4.6	139
65	Examining issues influencing green building technologies adoption: The United States green building experts' perspectives. Energy and Buildings, 2017, 144, 320-332.	3.1	175
66	Barriers Affecting the Adoption of Green Building Technologies. Journal of Management in Engineering - ASCE, 2017, 33, .	2.6	128
67	Drivers for green building: A review of empirical studies. Habitat International, 2017, 60, 34-49.	2.3	292
68	Corrupt Practices in the Construction Industry: Survey of Ghanaian Experience. Journal of Management in Engineering - ASCE, 2017, 33, .	2.6	73
69	Profile and concentric zonal analysis of relationships between land use/land cover and land surface temperature: Case study of Shenyang, China. Energy and Buildings, 2017, 155, 282-295.	3.1	146
70	Driving forces for green building technologies adoption in the construction industry: Ghanaian perspective. Building and Environment, 2017, 125, 206-215.	3.0	72
71	Review of Barriers to Green Building Adoption. Sustainable Development, 2017, 25, 167-179.	6.9	166
72	Strategies for Promoting Green Building Technologies Adoption in the Construction Industry—An International Study. Sustainability, 2017, 9, 969.	1.6	133

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73	Critical analysis of green building research trend in construction journals. Habitat International, 2016, 57, 53-63.	2.3	243
74	Barriers to electronic procurement adoption in the construction industry: a systematic review and interrelationships. International Journal of Construction Management, 0, , 1-15.	2.2	3